H. G. Dyar. 13/-157. Catalogue of described caterpillars Blue Book.

Descriptions begun. September, 1882.

H. G. Dyar.

Catalogue of described caterpillars
Blue Book.

Descriptions begun, September, 1882.

131-157

BB/31 = 22 Salariac anatived?) July 12, 138 In our fristice" no extraces Head observed color len green a verice bound in each side hurera My a yellowskahade "Elyper white Jans Musis, palfir whitele. Boely bright yellow year testings John style for facto 5-11) Cast continued fair to pro tu canal canary yellow, com half velvety block the come and Joy a fire white line, and plate alles beto yellow a there the trop ou de well by small bloods characted stol landal how pale where that a thicke covered by confluent skyling elevate to Huch about his to to applying blech · Muruen Lest tibras stars of lester Same what, ablance & for

* Reite & granter probably 2 with the black bewels separatel My a yellow about, the feet on agrandis vanillae on passion flower going 10 hove the appear black ax La angeles Cal. Ang 2, 1889 (all siges) 3 burned only a spot and the anal Egg. 12 mm light from in charm, flet at base, nearly cylindrical but alighth & feet have only a slight black ment, Spirailes crange color greater dearneter in the middle, summit Unrulets & at pretern part of each sounded. Sides striated by about 15 longstudence ribs crossed transversely, by seg. They were not seen the the next anorning early when the land main slight parallel creases, the airmit retireilated. Color gale yellow, unform was ofhensed hard, as hatching approaches the colo of the larra is sten as red bariel newly hatched larran (mg 4) Les to 2,5 mm Head nearly round, black & always Boely much contracted between the blougherial rough black spines was office & appearing alighty clubbed. The Parjoinite 3,4,6,8, 10 are large white the service of the service

has 2 long black spines beaut workblack, veryeapor represent mature larva liero much variation- Head ing the feet on jours 5,6 6 11, 12. Jule white pange with black bunds 7 ces full nays in wantly, black 3 proceeding from each africe, I before, ontwardly Small white spot alve to writer eyese I toward the body while Nuces of the legs, Length with 35 mm below in the ride of the brad is a hary after 1st mont Aug 8) Head & spines de On earth sind are 6 spines front wite their elevated base sling black. with bustle his an jourte 24 there is a Spire, as an mature larra. Head defeel a rengeneral la poit 2 ans furnished with black bristers. Cer-Lantennell purchasels 2 god ship oot; and spot represented by 2 confluent Jak fer fair auterials Joseph Joseph Hack spots into britte, Body pale 4, the griddle me being gone Stin blad orange, antidoxal band faler and Brok prange, more a dozal band of grienial Fell black onthe ally 2 The state color or purple and Chrysalis sustended & the tail abd.

Load authorized Named there varyly furnished dorsally wrote slights elevention in indthe The very affeors on plate | cach freeded by an oblique black spot below the mostly now a spine . A Through posteriorly deeply excounter Intertal white bounder vary of durally auterlially romered in a weekt, sometime obolete spiacies) wedge shoped protudences which black. Vento slate who should fifty out perferdecularly the front. The

Of the sold of Kingh of head flat wite arme gonitet forspace and ambeliroas line Cerricul interences before the eyes, Our ingule apot represented by Enedward block projection at lorse of wing cases and epoto with about applies, grades, and The throage wentrally at afferge of flate & outside of feet black. The wing corses is anuch brilging, about body is bright oringe as in the mature rounded and meeting the abdance daira o the spines are the same almost at right angles. Color muture larra (no whate stripe) ash gray & white much variety the white officery must chatuely Levyth about 25 mm. as a ventral Variet, stymatet 6 after 4th mont (any 18) mature disalline or abdonen and on the mr. mary, of my cases 6 on to I dusal piveres of Thereng. the depressing the thing is shedd with blook as ales the top I want & some vermen bluke em vecu on the wing cases, Duration 14 days after 2nd month (thy 11) as in the precedy etage except the lateral purplish bound as present covering the stigmatal The second secon

\$15 133 also withour light the above and quite Spling of a lend of Josphan, a angel with yellowish ut the Head fortest, obtasaly parted as edges. Spreads white with a distrep how oval edging Thracefeet tinged with pureish vertex, shaguened, Color green, a gollow stry from vertex to partie beauties timed with printerially brooky digle? Lugte about 30 mm JAny 20 in the grounds Owna Dark malingangred wrote yellowsh green, thickly covered place shortings, cylindrical, and by small white spots, less murnerons on jorny 13. a pale white enternam parts markedly diveloped are live wir from the modele of just 2 mister contracted basally e typed to fort 11, fading out at both ends by a tepering of one. latered oblique yellowate line died fros before the aprivale rune district fistering, or jours 10,11012 is a very dutal one, white edged whome by dente green and continued to the candal horn which is fall whatito, arolet bewent at the two my

Feet & rente greerish yellow with some black stream in Shings on wening francois Head cerrical afort, thing olive subventuel apace Luyota about 65 mm green covered by small yellowish sofots. Pulpi e montitepent pales t Body yellowish green, a yellow Deily hila lineata entensal line party interrupted on each front from 4 to 12 by an wounded durboard spot. above & Nelow each after a distributed spot, the upper ones in some specie fortund & convicted to your a Sound, This is sprinkled write yellow aforts paternly to each red Africa File red with a yellowish live close the center & surrounded by black mottleys candal horn reddish orange with elevated pola fourts

234 11-13 leterally (jours 12 & 13) Egg of Lumerates longuinis? on willow at greenite Ang 17, 1889. Laid on the of of the leaf, hearly sphemed, conteacted torus the fletterned base, closely covered with depressions & minutely Julise, Color blackersh (towards hately) steered mont? read rough, slight Settral processes, dark hom some of The ronglimeses topical write white to Body much roughered writ array arreall generous the layer & very trally on jour 2,3,4,11,12 813, m port 13 are a per, The process are was anich roghend colo derk how a large whate palie dusally on 8 eg & the tops & com of the roughweses before i after the estele. Other toped with yellower unterinty directly & potenty

136 Raphya? or Joplan y security Anyl, 39 Hegel white green fully beridant Aleri & jour 2. Body jule green mok 2 tremovere row of awarer I gellow dot on each region the dots alternating, on jours 4 the Jotevi vow au more duschi sor Jours has a double donne process wrolet coloud, edged by yellow and quely mented write black, On 5 1412 are 2 spots Dunlary word I connected posterenty was yellowed lever. a stignatul von of avalle of the of saine color, incept on justo 5. On 2,3, vy the afoto use elevated Feet 1 for 13 with same color. Length 30 mm. Kfrette van colonaderse.

Lowne Keene Walley 27. July 12 1994 Cofied 90 12/2/90 Stage I had 5 mm. It 1.1 mm, tutterels with Furneled with about horis Jawo block Body yellow, a dosal erryle c ademosia on well maple yos emito wally Cul. Ang 20, 1889. Herel Herele envelopeel & lateral germate interrupted pale brown lines with a few short hars, Come al spit breeted, black as are also the Black apots as in previous stage and plates, body yellow with short Into more elevated, the dorsel hale hears; joins 5 has a slight on the lump car jourte sex the dosal hump, pointwell orange enterout especially dry. anted & unto 4 bluele elinated There is also a slight bring on elote, tiese very part of a transver Jul 12 wrote 2 produced 2/10/5 now y & which each segment bears Shots in tarno Drust disallin @ 16 good Bleaving a double row outdool 4.3) in later the (4) in autoventur space there there are cook your the consone and in the there dosal spots very pluced anterplenent de 2 more below there wally to the other. Famety well's The later are obsolete beginned from Il catel geninate subdudal & e the anguyenes & afoto confuser Bireted, cerricel spot, fut & and lateral hour lines. Therais plate black. Body with short have feet dente. Tuytte 12 mm. Read malingary card Verter proprieto between the legs wal feet elevated, Later as the arrier less alroad with black

same grow the generale bounder. become filled in with white and heterioldana Tollingoles Cel, tent a favor hour alternated Sept 22, 1889. Daile from where, a delate donal stripe edged interrupted here afterray between the dissel write fale yellow. Sabolus al inde i and drive I bet the aread a lateral trick yellowed streaks, and the line. Thought are 31 as before trot arely about of wat black. Into black and prolonged as solund tertial space pale yellowide 2/22/16/ june 2 gy the sin should not home controlly with The mest direct to the longer a stigmental & subvention white line Tentre grale whiteste with turn on 5 ruse color, on 12, yellur 2 white ten interripled by the Line blocks, the commate lateral feet, On each your & black characte I and donal white between, whenefet in 2 althoury rais. Current after it humps (and feet yellow, April large Made. Head pale place at base field elivated, Insell redoted from Sprach Alacle. lin black pot it a and metalition annubu & short fale han over from them & another dreader Morre were for the heed & body. and plate Carbailly has month well with a Color of the well. (head.

Continued trade many pulsey, in the replant Rate 1, 1002, 55, 7/12-, 225, 45 23; House the livery & Dong la serie, go Lawrent with a received with a first Ego land ry 9 arcteridates, Seit 20 189. The angeles & light and white it is the being the state of the - perdince string & lane grant of fellig Egg. Majur a hornatick. Hat at thee conical but rounded over color freedy white, amounter 2 Deal Plans Light sings and plying I will in a mouse HARRY LINS 814 28 BEILD UNDER TELL WITTER when bright is account an interest and In the Eggs of State Health Ment my in they around a very La via frale white & with & monte flow and the kind a growing love white - CHAME LOW. MALE TO CONTENT OF transferrent from weet in secretarion 3、11年13月4日 Juni 2 Well Head les harris + 15 - 12 promodernos. Most, junta 11 with 3 100. to see a deep a state while he was in the second Marie Linns, Leny - 4" - 6" The Property of the Property of Museu 3 Marty Heart Matter one. Will en co Jame Will large + pets in The strong

Ratey growth 2 (S) 140 Boar topol Spin a wet in any new y least and Egg of Shoramer carrye on Greation Beat beneathing upper vilare of Leas. 10 122 W. S. Tyadryells, Cal Severalmin Head, cerrical of of and Butt, alternating aver in blockedet Egg. Fard on when or for I bey. Case glattered, nearly extended had The seg & what limit wer black theservis the middle the top quite Body classe yellowiele testaccourse Hat a norther about the consideral. wend without processes, amonths should Your takes a ribs member to [mountaine] Head of leasts arread wints Emminos Color gices of a about may white have and on the wester Here this than the leaves list I Chair 6 warys elevated about bearing hale had been a first of the drug to the form taliste how. They your the telet another, rawing in interesting a book mon 3. Rel 3 = (a) mout fort 6 freed charge with many wellow or mange of the indate drongy black, with mounts yellow formy ingulate substream, 2 lattent steeless & black leave, Body hughest steep anjust and all motalibards and with small yellow after a generate en less distingt. Spring white wants procely ellow line inegular stretury led white branches etypid 4 36 locks am and a ceris of atique atal impelmate sollitered and oneyo. Attento. Then say. Mint 5 Oct 10 Read drawy Hade wite alwater for on 5-12 (durant, and duty, duty, dub-site)

ordoneum coides many cell trade Ventuguer de moto che Hack sonta) Cupa depressed belief thought the tapeny anterface in Talige Body care of young amore gapuliar podury ound white from rentinguemah, motelled wort my cases from new abdornal Mark on drown Jewith about 30 mm organ awall & quickly rome wel, a Turnet sext 23 New of Marke trang Body cieriastuflattende horked i a phy pho a form to most each west yellings dutter I whate silke. a forted extract a jerminate dreak eseration all each eye and the Wellowing Shot Grien bearing base the very cases, I now of ansal forsted elevations would black have accounted as in water larra, Aback, withthe dural cand with white with 2 large & 2 small en points 6,8,40 yellow Legis 7" white efots in elepusor's belief though \$128 Black & of ine black insuft of Color I Junga word from numerting let od which are varge et haze, yellow a mottled with whith which .) O. carrye in centre e Adams of ends. a stigueted I james to de al yellow line, hunte Levelle Majes yelim a lot one the body white a black how Leut 1 15 mm. Pyramis carge money Oct to allabolade, Interting drive yellow, munte yellow whot. Henterel White have bless workender. Tearder

Heeferial harra on maken, Sept 2231 Eggs daid by some e-light anoth St/ + 23? 1889. Hatelud Septer and at Ludryels, Cal. Head mich were given mana. Henricherial larger tran , and 2, slightly related reversely toward the base the vertex at veity, multed steaguered Hend & great 2 black with with a normaled depression I table a few about white hear factoric acrosed vertically, Jake offlow Hateland Walles as desper t will don't and repetity of a thread, Head a family germanate puter and a id sty line it dance done armental contrate black along hire foely densely correctly Commendate Unevenlego fairly Madlerde, Copy for gelling with that have that and peet green Light 15 mm - 9 the long over there on the party. less the foots beard of in a straight I don't k hard touching the dead I do the leng have the end 5 for 1 6 1/2 a hour 228 Head when it ally green write a trans now of the site of the for any bearing blooks browns

interrifted. On each joint 2 rung a autolosal e atymatel while the white dots not plack centers beary Som 12 enlarged. When about to about black hair, The rous attenuate month ait out or angus in heif on the smiddle fourto. Showing that mont Back I Head greenish with tryed worth bluebrish alter encolors with body Yugher about 10 min believe Body green with white fully is don't instarted and africally & fall to general, and willistenit dongitudinal white at this mould cal whole leaf otrented a marion autobroad and month (1587) Head green, janstron drooder structal white dive fall black In some a black strip the joint 5,687 sis the dropped block maide & head, Godi deste grown of the it the ambelosas aface. Both the lines or before, the stry water write Adoch have. Lego only on 9,10 sending sharply above but thended must 13. 12 mm ed. Fergoth along) wentrally. The elevated of at heavy money for 4 Head given with winte blick havi are whitesh except there drown apreletter and of an block ban. suprastymatal which still have type & from drown also pulpis. Lye as block centers, Cernarl stoff and before Dody goesen, a droud white acrual flates dull pale goden ity conto Cline, a marrow endonce c white the total shirt of way and the Otigmstel a had and renter the Oteginstal shad and menter

Cellina Rose igrounti P4 line some quinte white so 5 and (see carrie 3934) 143 mijs to 10 there is a small black I rapplaid by termen Sops 25, 1889 direct afirst outrated unterioraly in Tis argeles Cal, electric Lyhr. each servent. Some Ralighely du oller 1 299, 59725 Slight less them benefite own 13 small. Legs as before Blown 9,14013 1 cal, the base flat leoler dull home-Det 11 Show a their white with drawing I black, amount transet I wan logethe leaves (is the nelting) in which to page I Hatetal let 3 Heard red brown. Un War a Cet 13 Defreed somewhat about four 2 and two hour processes The way cases at beels i though, the minutely of much. Jan 13 been ton projecting below the wing cases forming with hope yet as formy with a now ded prominence over the about 3 down pale yet in patients father the text of the patients of the pat and less pale whiteals. Lente 4" tout) dug. Ducceding the my course, The cumaster is about a bluist and the looks dist rules, on absolute the thoroughly with which if is furnished are facted 4 is the to to pet or nesting or diego in the ask of the weever my done more 2 let 6 your web spring or leaf to while his falls in the joinings Head and drown in which is current I the parts and between the about Malineire in from the dependent found in the transmited. Tails types de so dely granter, our ugo and 25 acceptate wante - will - will-on H-1 - 12 Plura celisomer

ded thrown a transverse non of mounta I vely yellowish guen, the red derive of opine foints to each say. The dural the dissummediced to a antonial hattles in fremon stage don't the fait how here which gone to the last me on joil 12 extends als on jell so segment and is corrected or justs Legte 6 +4). East the whole leaf. 2 by hom, wittless between the Tinter & legs ha I war . The extens house, by a ray fately by with aile threeado in the tails are pale 6,728 and ourstine regulatell. The they white is give contract Through it have the rest rante from ence animalate with white. Hery The tail are great, driver when the and extended in the sain waring the base and twice mount ara regimes direct, inside out. with home toward the bear Truste brough Oct 14 Head from densely worked Orthe anthropol Marie Array in marcol hims have a color is not have some in Olly whiteh, Aled fales at the field istant a second Win defend to the original Justement Good 2 is an in some money attf Head purple horn before I bear the thick were when I making gellow green at the ardes believed the covered with a write Each segumes have ages, the upper 3 densely could write a now of smaller tubules bearing short amall gale yellowspote, but leaving Time hair. Tails 45 me long & almost, the lines of the general color in front

Head portly retracted mirky joint surrounted by a short have. The Mellis white, a few summet hair one the surface, obely green with a side y the lody are spreaked with Julla tringe at the bordering of home a colution apreles und trava the dowal patitus which are from in a few about fine whate havis number and purple from The 158 The taits are spined and the as joint 203, triungular, covering the retractite through block with refre part of the spiried procurery is white ring. Body object, excess just 2, portly dended by a green meally at must 4. Open to white dread line contentionly the ziel on 5 Yarra with let Mekin mount the 23 6,7 89 elliptical strutes autumby Sunday sod line teds later gow . My Od 30 - and and corrected justerinly with the and the 24 Head as before ady. 3rd parch or joint 10011 which elevations represented by one of indered preturing and marions abufuly to the 42h patele on joy 13 12 2 13 which elizated afects. Certison just 2 nets a ment waller wild without of we so partly replaced by the grand when to rachaptered as before a montes the Tail highe from all the Unal hay who and two annulate with home carre. Dosal patiles much as they the 2nd 2nd of the strongly conit the extremetre." The dusal pateter are faitly mottled mote pale where with many doubt or more dist 5 of and contain conice & tubercles, well

castay of proach maturity the wint (Liver web in top cary and land stops) are running edged of Bod fale outting this patch outerway is nigular, retracted between the green with a tequire subscribely segs. 1 Ling Th 35 m + 5 m) 40 mm Tiredolish in tal line of print 1861 Juste brown state per segrand a number of whitest affects which's light dons at fliretin on goods ratelies, on the forther well and make meter free dense Chatch the the the the spinete of ocoon Oct 31 an a strike of sille and liter and bitten of 30 mm x 13 mm Judgele horns. The fatel in there on the bead Vilian of the france Ma Copressed Cylindrial, takery aligher ett-both extremites, somether renta white hite state on the flattened color full trown, visite ellouis and a darkedural hum ving a lig cases greemale, ald. dente ymphish block, one ununlate with purplish what von minutely princtural. Try cases creaced Lingth 18 mm melte 6 mm Sur Ecces shing hair at some, bu informatified feel goes the three of drugs meh 21, 1690 Catro 46 48 transfer the bournals. at my territy reprinte cinerioides a muniper of yellow sports of for a the central dospar justicly and the

Rate by with the modern N.S. Tidocla will run & lude when thetucked While it with ball up. Easiest may to later the body is greenish whate the 43 eggs laid on electrilight curbon. - waits block, Own awall is authorised Helle 157 St. Gradingeller, Cal. Formal spece, Quirdineal 3 lative (4) aity-Oct 26, 89. Egg spheroidal, the bree matal a obsolete n 2,3,4613 Dryland alighty when y letterned dien the by cerricul afort on 2 and arplemited found charries a gery a least from more of the others are lacking Some of max of the others are lackery & Some the inchested taring. Said in The went are mountained the haces, Agarden puta land proceedings forming a autolorsal Arvin wand in the middle an ments. Lego Atlack 154 (ect. 28, 184). Hatched ho 14 (28 144A) mouth roll Head as before Body July of hor Head in the gently mind was here gale whitsile the words large week darion eats a hole for exit, Head black with hours irrichmentilus the anideral rows Legita a bother of indute, black calving, the sound Thoracy with Steels, Celolinian white lis, Justo pale a gen black hand. cerrial of st straight in front, curred Harr block, about 1 mm Long, etall punch behind, black a shing. I voly pale mould Br 20 Head string Vlack, Wody duty whitely with lines black hairs to wants black, a white direct lines gwining from 8 long hours west, I levale to lege und fale objected beard. Name Ellers be in There to The Eur bold led. Super Com

at completion of stage tool , no purple your story tristly storich toil my col with direal autering ted stepenatal wellow unto doing of war to series of your white the contract of the party of the 13 set white him wants Darnall, anteriorly Concrete Description of the Contraction of the Cont n 2-d. of all 5-12 Down dreal 3 aufer -Carried The State of the state steematal both replaced as je by cornel 2/18 (Danbelig Down coalenad on 113 Marche worth in June 15 1 1 (See) 2. 25 = (Dell) autrenteal, only one rome on 2,3 ey Harifaline remise Charles Millery, 2.15 and love alight in 13 mull units (Chaling 13. 7 (1 1 2 2 1 4 2 3 1 4 3 2 4 (all 2 2 9) on venter in the lighess segmenter month feel that an frequent this in the month for 24 Head endate Made abrig vertige faction of the concer with a limple of Nevel hours. a Las Nick slavy Breek L. Coso block by when dine above the month, comploins a mide trace & down they on a later ungo. funt based julper of dis wents Gast Harte maris in the Bours, and place a martow dill who tak downe whole to the 35th out is strained 20 line, Hair bristly & Marche, July on The supplied of the second the outvential went. Fest about land of the state of the state of the state of black dasping aldonial week. where I with a leve in fronts because Longth to him lefter world. may return at wear advice to the whole Mould Dec 4 Head and entering Children and which assaulative winter a conson and your

All Dec 145 interrupted between the regments oblique lateral lives, the first and dixte fainter than the Hurry drowned me irrigatory ditate Mocary Arriona hor 15, 1889. Carbathy on Joplas. Head outhingular as other and grantener almost rescale. The last is broad and district and extends July with many rather large white from alore buse q diglory and 10 efrated of to the front monly To the candal horn which is shit all Just exclored white but is concolarons mot at ; mension is what Las a gruphich shock centrally The derie are not well defined at the antires and the transita Grate above the month is gate green at their edgle, the outline being onewhat migules and blended denote part white his the james Sinceles relling hours the certification Attention the maide Cerricul of it the brod, the true larger plate land for the life with fire white, Thracie feit white, white yellwich posterinty The from trans outer welly, abotem of leateral construct the sides, coming green, fragel outwordly above the chapter, then nandry where some of the alen y the book between franch above the another stight Books freew with a jumplish is allowed Jungle shorts. Ventu centrally on the does my others fred ? slightly i interestedly for in

Each agreent has about my ming larra on fortan Herenix. teamerense creases is aumility Levette of larva 80-90 mm. Leyo aryona, 2111/5, 1889, Spin togestie closely their amfaces trueling for win 3-4 mm willto of week at base many your, beight 8 mm leaves I popular a prime" marcho transette y body 15-15 mm Head Jak whitesh, greenen in Perfa Red Com scolust, & naud hours with the black after our shape, bremoster short and rounded cach side, Jano hom. Rody terminaling gently is a angel printe; stender last to segments takeny Bod, segs, coursely junetura, my whiteologicen with a few about cases granulated. Jale have. Shracie feet of the Imago Jan 12.90. Cet no 4508 - with deele, Cernial afet large of green, covering the whole of the Trylogon of identialis in 9 for 1,2. (Very numerous out var I withouta. I levering further black after below Triptogon imperator, Stik. A. Spin a little white aille wever between the leaves and turns to be it plant on funda; and agolapung, last and write in exercister yearing slightly I deministry princitized & any corses creased to You to he of the Chrestop arrival Hyphantria on Francis, Phoening arryma Jun 19 . Spin wet as Al comme after west nor 16, 1857. Head nound, green, with Squedant would! Head nich blown Body & get wirst live believed they greb dente grag une danal & entodorous. Eyes block, passipale of ody cylinducal, addornal ligo on jon 5 10 and bod is the side pale them is now would note gettern a white subdirect spaces wants resident or the and 13, color green with a pers about Sine stacks have with a place heurs white & year Legs block 18 Longethedrally finely streets all mout her of Head then devenidence with yellowish on down and a black disable in your above The wenter and a oliginatal gellow mouth while or the hour of the murle bend at which the ober is a one. sand the ladery the Jafferson it hate when folded. The bound a con-Gody black odylect motiled with trined out the land fair flags yellours b, more at an arder gray and joins the line with the and antivertial tries hat yeller Feet green, the top derminde. cocon in hay their & threat. Perfor Brown, all gently toperry proported noterrapted, wante Oa amore Weare ability creased them left takeny in a divergent points. I be takeny now must donal dire arte and antiunly just 5-12, 2 now alone awterneed

copies 190 hue 3 superstymated now Daws -Un willow in arrays Sull Three Pleverny etymater, but Robette m 13 6 anna nor 28, 1889. Larva Jumbery total and a survential rora, only me now lust stage Thatme! Foly flattered or just 2-4 and 13, waits dark wides them beight tapering out, very aligning orange have long them, white the extremition Head small, fale and divinish, storadayed 10 mm testaceons with hornish make at the Venter black, wrotand want, Spice aids and the eyes black, whiteh above wenter auteres forting formed 2 14 the anouth Body of interior are enter tordered with orange, Lyth 30mm whiteh direct and worked awardinear injust 13, OGCO are coaleced in our laye line, a directed dark cerrical afort 10 5 to present and (Golight on 12618) and brown shools on 5,6,7, 10 posternoly Avant opin a web is the elege soll, 12 & 13 and, fresed to od him and such my won him 27 hold between leaves with the partly connected with the dorsers ham I larva, not rather them, Papa malogany red. Resemble it was both has 3 rous of pelifere wants Oil ald contracted to end of wing cursos e and spore of below solling 3 substiguestax theree normaling a cremater while is Do 2) are hoursel I bear about hours flet transveril with a con & 6 w 8 lurber strike B is crange & bear long trans case Si celle blacke. Interential street pute ald eight minutely princhined, brig c Verita whitish and smooth &. 10 min cresid. Imago hioligo & cumea

The larra his only 14 feed the fan myord & young feeld white with a few trans and I have black epots. Book Jospen willow arrayosaltane Jule greenish white marked as Moreney #1. nor 29, 89 Heard white with olight brown marks the remet dis inferentia descelled markings are dadeen and there are arrantally stoped fale well being a transverse land where the middle of head. Eyes drown, jans home after as direct joint 324. arrent Lot fale. Truits emedering with headings hornale. a grow about fine hairs in which they are artualed, were now Bully has the above assurbed Jale white Ham fale & 6 mm not strong white i obaque cocon eleption of white & a few lite fund britished especially ut the outer and is much unform duty extendey 8 mm x 3 mm Pupa deg ho White, a few from almo blackerst home, pilose, and, sego topuri bein being drating wohatle with acters. Lugth 25 mm the last rounded, in nemerates Eilendground Deep and ofun olight Lucyo Dic 23 (Cat. w. 4343-4) with theremony and giola lucionalis, etc.

huero in wellow arrays Salt the Phoning tacles imperation on live oak wellowine A.J. nor 25, 188]. Hend sometime pour Indian River, 7 ta. Dec. 19, 1889. Head trouble pale yellowish white, jam how, eyes testaceous shading pale in the lave bay blacks. Corner sport every the whole worksomendes in foot on each side grind about the sprace, encourse of the central sentence, throughout finding facilly. inte head but white anteny, a remlar mider live in side a brad god 2, hom below N. Body greenich avering the eyes. a for short whate trains white write a germate dissol, bornical ofot pale testacion with 4 grown authorsal, styrunteel & autountil stated short processe on auter, edge and powdery bown lines, the stig. Juniy. Anal plates velice yellow, strongly most district and the survented granulated & elevated at the edges and and more interrupted. Times of the apper brown centrally, the loves nearly obsolete in jour 13 . Body blade, except the granulations. Body has a distinct substigmental fold furnished with many grandated and a few from short whate have process rescribbing about horns of a Length 12 min Spins cogether the leaves and vely gellow color in out of sufra Jestig. & 2 subventral rows, Three or joints Di Weig longest as The and dorsal our - While jour 12 has one day one, does cel

Other plenter our occur what the Edema on decisiones oute melbourne opraces and on verter. Body les, mary long dank bain and plant Fla. Dec. 19. 89. Areel much days them pele ones. Spirales mjom 5, 2,5-12 Jours 2, string varge red, fully in the yellows a surrounded by a dark Town for & . A few bain are by lows shode except the lighte favorite aprile. Kody armosts & shiring wrote a few about Color of body gellow horn, with Lais. On jour 12 a Treis purse folds a printe allaile in doesur esperon forming a lemma on darsum, ordering points 3 et. Ventu darker. Thoraco. all feet a anal plates also orang ful other twent having. Clarke + suld a stig, yellow band the former purtly replaced by white and ald feet velocity blocks. 2.75 mm On observe dans dural short the latter by orange. Pools fall Amplials, 4 marrier cliente wavy Thous between the segments, durother Centers Park. N.M. Cles 6, 90 Hd high him of ground color bet. and lived steam was sounded, Eletthick in grant, older litely oliagreered; clypens small, olighty sefarated by block somewhen with latelelle interled. He green, dente getter with the seale hands in front develoted mitedly, Salve Wet od Lates her band obsolete ferrit shiperin love, mouth wood treews to all and thete ante the black is much holsen us a gellen. What wer your sond from deap greater a black him centrally is most differ y black, as are also place centrally. block, as are about plate certificate exceptation granulation, & 70 min on subventeal aface and

Copied in common larra broke 7/24/90 154 13 the flatte is much holsen up, the Experit ?? Nur pe on ned-new ground color is many white and the antid line i absolute. Pento King Pater Digoth, Har Dec 21, 1819. verye, whitest certically week there of times stantes, whose in from y Marian de Vatery, Russia a fein block dine. Lates, 25 12 antersperit restable have bruits as month sec 21 Same, his ground over in the aretherday (see 18148) wrote is a pale Alue, and lung on 12 is douber orange, more like brook the arouth warren degle a requesto, Armsly Frank Hade hear mal feel elevated when not walkering Significant distribution of the country Invested naturally the monters of ansar wenter who the service of the ofere between deper are obscured by a for fish flush i od line has hate reducing starty with a homework levy's " orange. 2. 35 - at surement your verbuillion stirle between cock be subdiviable to does not you job 2 2 2 2 Somes alid of the tree body to con The Made of and above is much I steen Bactelle & to the action his Emission who mining the open and many his invited of Short Stay Surper Surper to the country of the open of the country of the open of the country of 2 mays 7 ch 25 90 clos us 4608 Single de la grande de la companya d

AZ BZ8 C4 D5.3 EY 05 01 1.0 1.40 38 Med varies con daily getting with of leaving (See last jugs of brok) to to the property lines of broken to the state of the second to the second rown seem has made of loon, though the Lyling on red senter led factors. Marie San Marie Tomas Care & Her beeze & Looke like Thursens. He bel white the entire marked with and meners for the time, the the first war marion 2. 60 mm block extre of allowing block makes a Brook & Spare L. Heard love is to Ablack, with along and distribute of spring, torsely 30 G find to farture at vertey and " who de for settle of renfeat enter The ship provide Frateurs. haven courself way salight by verteally a line while the state of with sain tollack. The trans thank they bring the eyes in there on the Showed aggin areadon been red there bylan protection from the will of the bead Sweeping of might. Throwing fall leveral of the for the first middle to middle 5 mm self. Stological home, the weekend in inte 4 capacity pelise y Candol setting ofter, Claspan whitish horning comical nomited tubercle John 85 mint from 4, 90 miles 1 95 miles from an elevated base white, Colored The pulling of yet outstell Body from the gay with many delle ditte trade at jouries de voir of small ellines yellouish Constant of the sound shale in thethe shale and long to the shall shall the start of the start o

when distributed the land shaws to thorn when body in their mines and leveles it will water to hive inverging a joing 3 and arrivered over the drawn with a meanly uniform purposes to fluid but the westings reoffice an forming certification of the line The protern fort moderned and of the truet. This true ales converges on 1. 12 & ends at the hours lous nearly contrated a dolled violes a serie I block shady spot on points 5-11 me, anteriply derial decreased by a white ming and Latually & left all in fratelies strong about replaced by an other to bile egg super-stylvested the Mitter fale, black minter much yelleriah ofsto are pale and Alacle ring. abol myout 7-10 enlarged, some guilty williams, gring the wolf or full explanation at the summetime the block him a follow Base white; then board use yever and more defines velvely black strye; then forology The thorseen of June 2 milates the blue attife, a yellowat one markery of the brade, having a white bodie gray to and wind a dural line, atter S-d space felled in with a dull olive and clarifier white. and feet abacting delorate it has a in originated, the plates brock white band forms 3 is yellerish army with rather few

father ? (as 10) read hale getting int elvery eyes raining line alove mulith and ends who be all , deady gettern to give thouse dersely aroundated weed dotted with small well white about the observe white 1-d. band) landed hoing bluck 25 mm long with larra gon your sewalist fin have. parti get went to black. The cloud years and phone der fee. membed as dellar to markening and eightener chorn very fall yeller ment of the mental of the set of the Line The first 3, in very sin aut Bledy Grant of where I are in a refer to your first to see the second of the arian and the same of the same Transport down and inter on wind 2 feet in the 384 in Alaske The truly lower in come y, where we need by which it will the state of the s to have the same of the Sells Bigs Chairman of the sign of the sig any whiteh freen with many of don't arend by the extraction to here of 200 km Hered & cerement that a william are eyes lack Book has a viele news doni- with elasted

who get 14 of acuala about to provide y 88164 but hunch have notreat and less lively marked after the same pattern in stack and red from the the block We so very extendine covering ricail the Circo of 4 eggs laid by Endamine proteins, swhold Junea. Colo blacks, very alway on boils I leas of yellowy lower bean If murlaced observed, with reddron der the vein of the wyly cases and in the nine, Culin Brode, Ha. Dec 22, 1887. les cascosta curved live est tack pat Is a otherwy, and more districtly with ig Irrigularly of himsel, the upter alie Body puncture & bet args, wireleast only 3/4 with 11 veitical ridges nurry the summit. Follow the getting verstable accessed, between the fate 5-d. troad at base at a tapering every to the work of more by to the fourt; densel princtionals extelned Sec 23 Head Write hugesteen wer Lugot Jula 55 mm, landet 19 mm en other joint, olighty notitud set the shore hisrands Cat no 4646 inmunicipalarly trommater believe formel Delophorata ello (Coll en SA Haustino) I almost a water one in the lessed. Buty wellow, and occurrent in dereum 225 in (hat hims) (985 morio) in the less try here eaten habita with of the leng & that there the MAN COLA Aporton Motorien seeming at its three its Service of the state of the sta Marily Lee & Hearth comments themes by he lest very unimerly destruction

Link droubline and observent wellow. Bolly green it getter densely atequately a shotting even yellow evered by awall yellow glasimlations and the still being the formy of the a dread greenich him & entersal and grange or forms 12 813 and bu yellow one tothe wheest or jour 13 deling organit forthe & Subventuel forta Durit sund house Dec 27 her I you destern mules of Morel's Ste 31 Head drown black, roughend A second with many minto foint. Cervice Red frete some your state me Gomes on the as upper diety of south concellors but Wrong June Head Long of little organization amouth stock yellural green tribely of top of which officery granulated dotted with yellow & yellow subdient Black the first & hour alive, the quadre drie but having darken dorsal line a give red afor they take they connected Jone 12 toged with verys, and just 13 on a a rich with first the Strang fortive for fance glate unsuranceted . L.) in sult this line for 1 1890. month family Head dank Morry, me punctured. a large que obote auge falely between by we have conser is and Maderiya and Wester Whate L of its oling hour Hade, the rest of ind and The still black Abd style ded outen de, 130m harye books dark given the believed Man you 27 an cours of the was held by for the smell yellow aforts, but leaving Side the state of the same all with thread around it becomes to in these

don'tled in joints 3 24. These bea car Egg of Prims morinate! on papergius a short black has body is creich by Die. 23, 89 Egg I spiritte shape, 9 vertices gurners amall priferon Atack dots riba, coalisery at summet ingellow. Spiracles blacks, Length 18 mm In offen arfuer fleer, Hight abt. 12 mm mon 18 gen 12 Head dull yellow, a austre git Dec 30, hatched gan 3 Mughtin patels before the eyes. andy Acad round, pale yellows he between avery elevated blule spots being has eyes i mount hom. Bock pale gellen Music feet topped with Alecho. Epots to fine block han largest at m von use concel tubule. Otherin the intrematies. East egg abell, 2/2" same as puedly, Lujer 25 m Before hast moult? Head with many Suspended wolf [Boyer amashed) elevated block of its bearing white bain Cerrical spor work, bacetel, coverally Welle would pelyerons tobercles. Both Probably Piero mounte has dosal, gribd and sty, yellow. the stigmatal space pale still, routely dull green. Joint 3-13 have a nous of lays blook clirated efet in and ofoce, and a similar rows an upper part of sty. Space

88154 eluste Q BB154 out 7eb4 90 mated night of 7eb45, laid eggs evening Feb 6 about 400 (in all 22/4) Filished night 10-11/ By neadly spherical, varie a little blattened, runnitely Fjerretulal. Color sellowish Jearly gray, Diam. 8 min Hatched Feb 18 Head lift thour, paler but has Eyes large fracte Wasty 5 mm Body fall whitish except jourts 56,9, 20211 which are light trouver! wait conciderous, heint black. Length 2 min Storly monte brown Web min. Body Dame us head dut Dans othery, turged with reddiely brown, hast 010 from jour 5.6, 9, 10 dis beach. Hair block. Luyote 3 min Latter rolly a nine transact, blueletch around block wants. Paler double line. Bout 74/26 Head . 8 44 mm squit any power of face homeways, a durken thale at viter Color. Cook light reordish home Forall with on jet canto 526 all around 8 18910 ell mi 5-ol space Hack, it white donal line, than briesty bluck, I 5 mm month & murch Head 1.2 min pale hornish shing march fulling should be the said fulling the warts classe sound still slightly fully latter said than transfer than body that the warts classe free line slightly fully fully below than body moult well Hel 2 min = A nearly, Legote 18 min Han affected ale in direm in font 789 entired of pupa came out o description needs rive observations.

In Devencement in Devencor. My 23:89

